CCS Technical Documentation
RH-26 Series Transceivers

6 - Disassembly and Assembly Instructions

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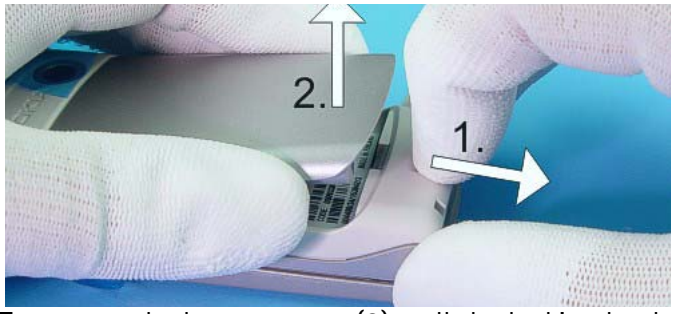
Disassembling the Phone

(1)

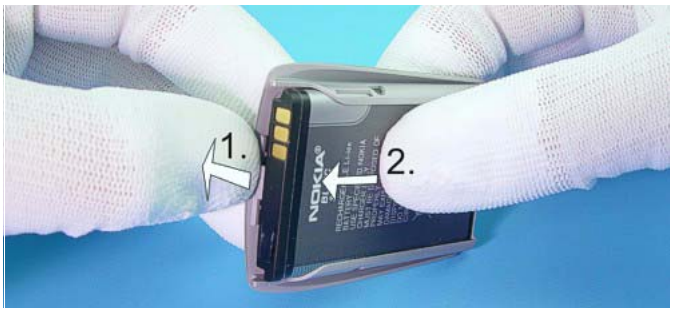
Check the condition of the window. Protect the window with a film.

(2)



To remove the battery cover (2), pull the locking latch (1).

(3)

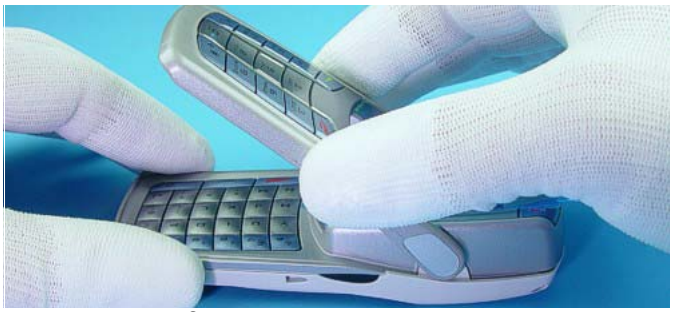


Remove battery from the battery cover.

(4)

To remove the A-cover, first release the clip by using SRT-6.

(5)



Then open the flip upright.

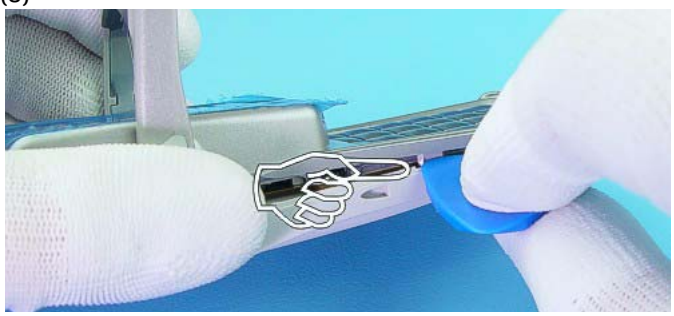
(6)

Open the other side clips with SRT-6. Start with the clip as shown in the picture above.

(7)

Open the opposite side.

(8)



Carefully lift the topside of the A-cover a bit and open the bottom clip.

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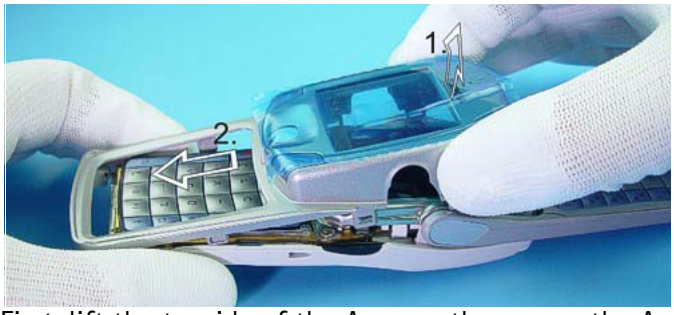
(9)

Open the clip on the other side.

(10)

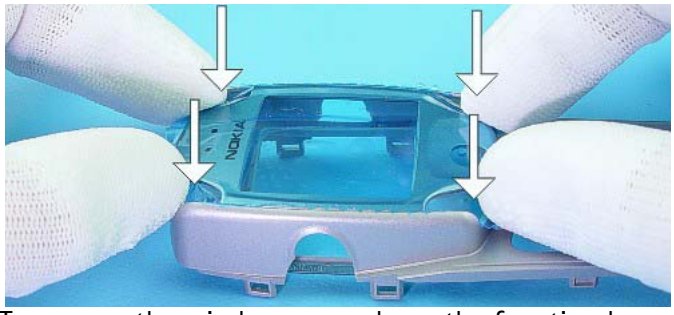
Open the flip completely.

(11)



First, lift the topside of the A-cover then move the A-cover forward.

(12)

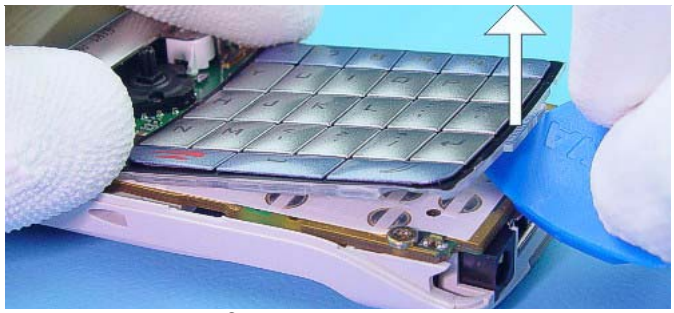


To remove the window, press down the function keys as shown in the picture above.

(13)

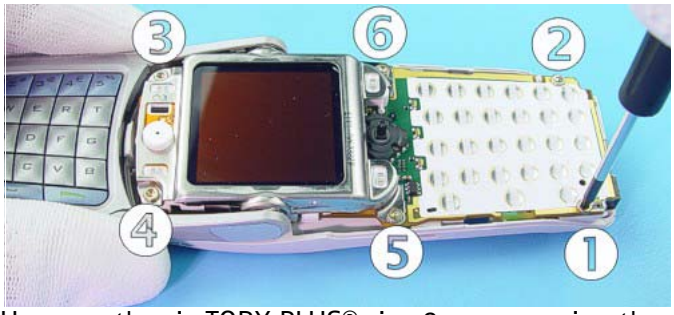
Remove the joystick button.

(14)



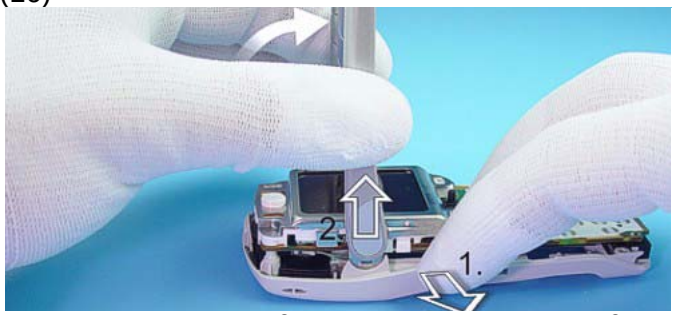
The bottom side of the keymat is glued to the key-dome, therefore move up the keymat with SRT-6 carefully. Mind the underneath LEDs.

(15)



Unscrew the six TORX PLUS® size 6 screws, using the order shown. **For assembly, use the reverse order and a torque of 19Ncm.**

(16)



To remove the engine from the B-cover, pull the flip.

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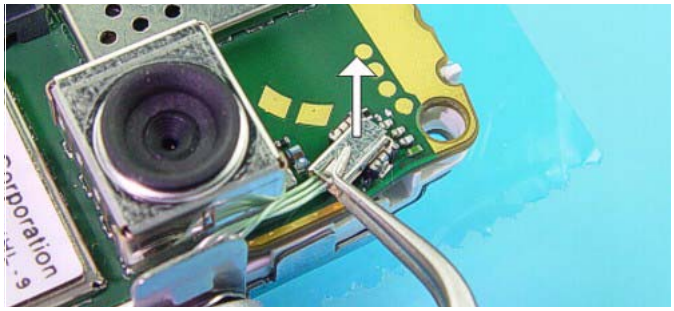
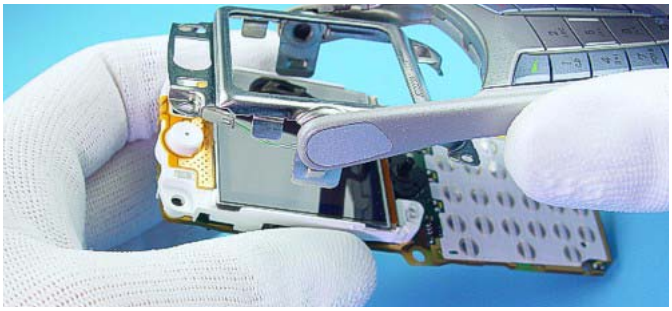
(17)



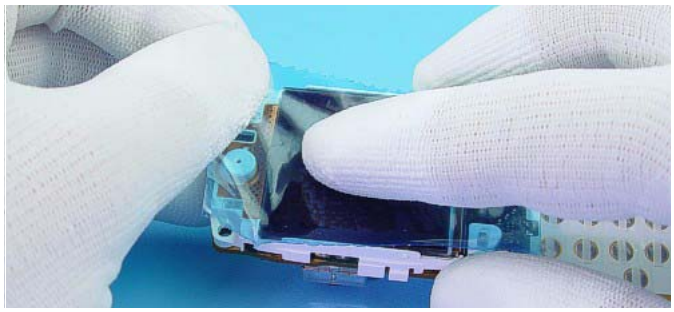
Carefully remove the coax connector with tweezers, while taking care not to cant the connector.

(18)



The modules can now be separated.

(19)



Protect the LCD with a film.

(20)

Carefully place SRT-6 between the qwerty frame and flip.

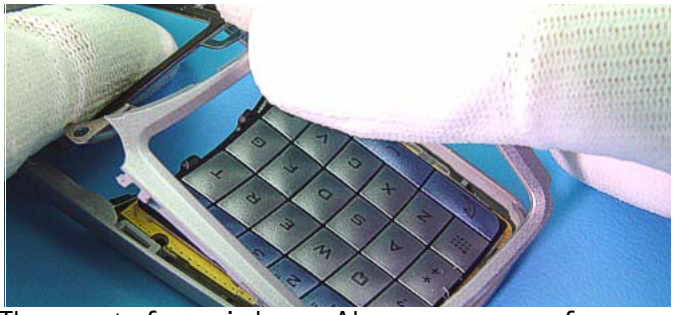
(21)

Move SRT-6 on along the edge.

(22)

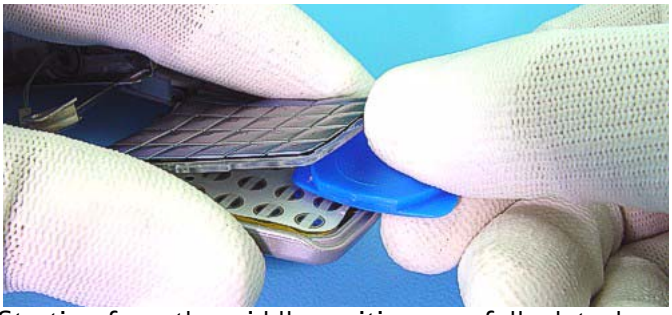
To release the leaving snaps, use fingers to grip the qwerty frame.

(23)



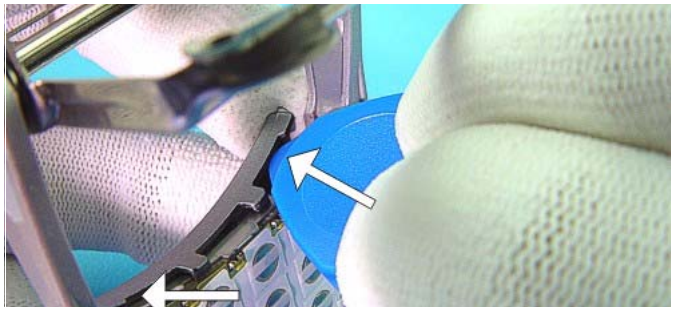
The qwerty frame is loose. Always use a new frame during assembly

(24)



Starting from the middle position, carefully detach the keymat from the domesheet.

(25)

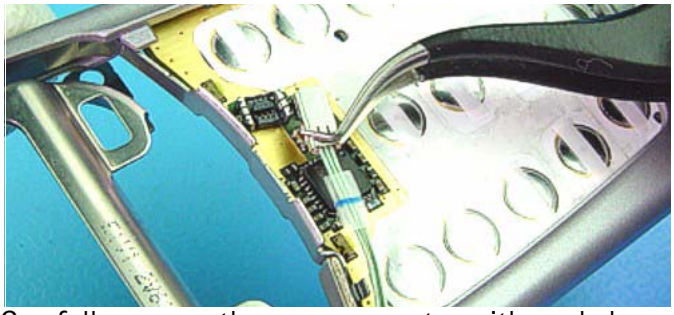


Unlock the two snaps of T9 keymat with SRT-6.

(26)

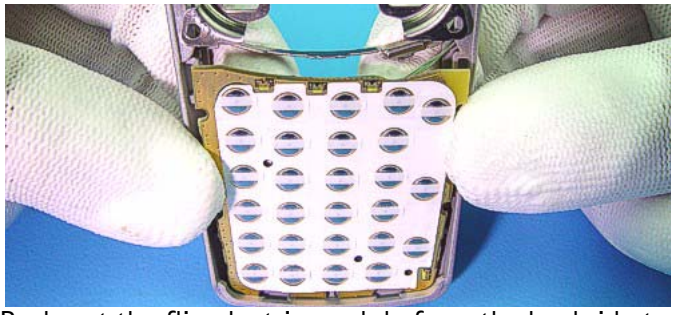
You can now remove the T9 keymat.

(27)



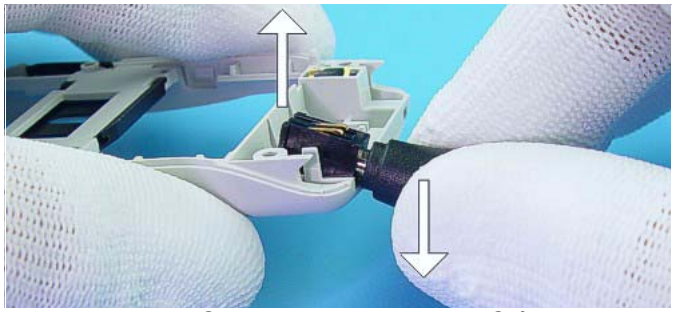
Carefully remove the coax connector with angled tweezers, while taking care not to cant the connector.

(28)



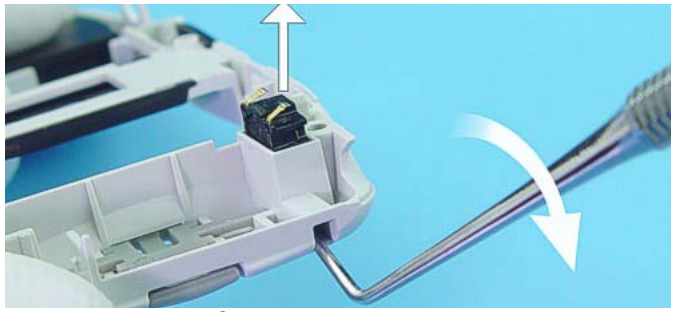
Push out the flip electric module from the backside to the front.

(29)



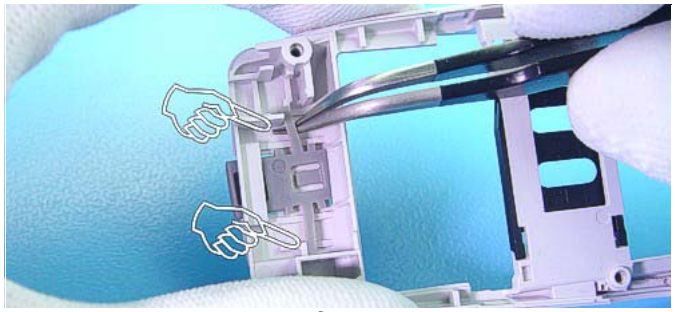
You can use a DC plug to remove the DC-jack.

(30)



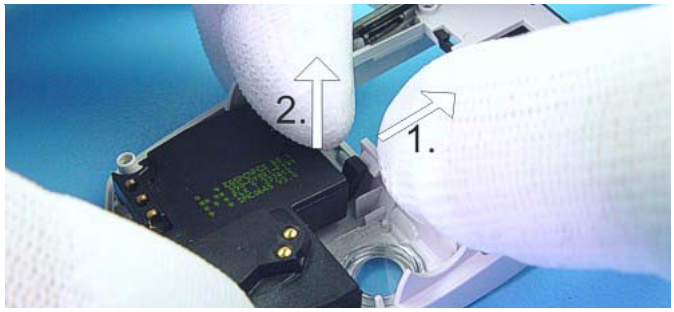
Insert the spike of a dental tool into microphone opening and lever up the microphone.

(31)



Unlock the plastic clips of the locking latch.

(32)



To remove the antenna, bend the B-cover's clip a bit. Lift up the bottom side of the antenna and take care not to damage the spring contacts.

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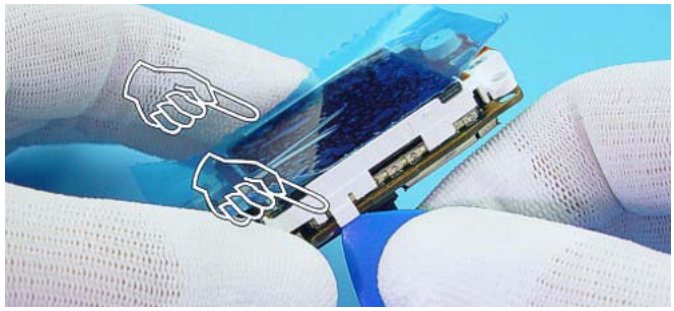
(33)

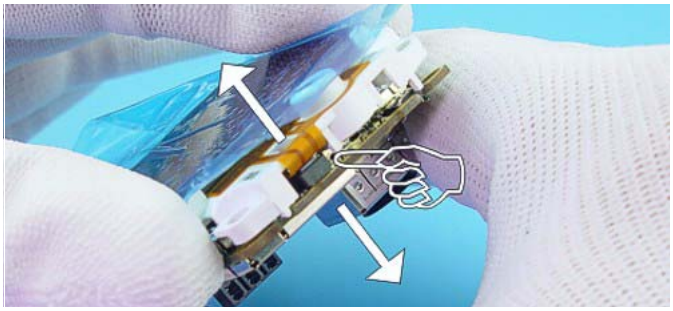
Remove the SIM cover.

(34)



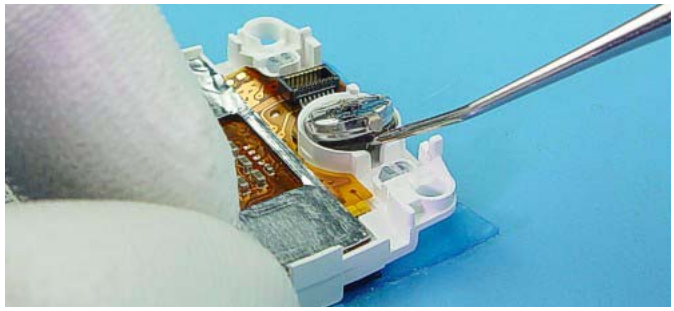
Open display clips on both sides.

(35)



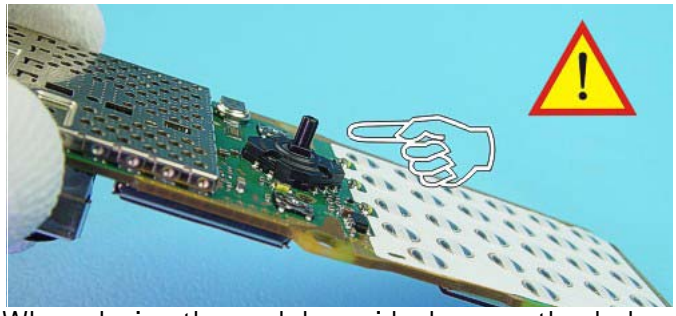
To unplug the display connector, pull the modules apart very carefully.

(36)



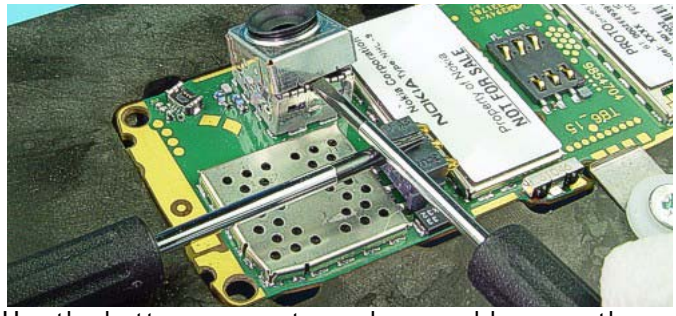
The earpiece is attached with a double-sided adhesive foam tape. Always use a new tape when mounting the earpiece anew.

(37)



When placing the module upside down on the desk, take care not to damage the joystick. Use the soldering jig when repairing.

(38)



Use the battery connector as base and lever up the connector shield.

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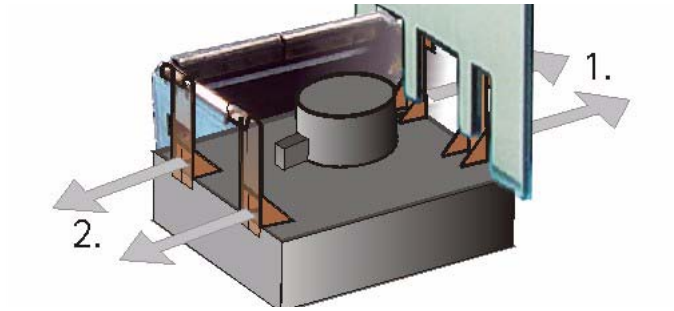
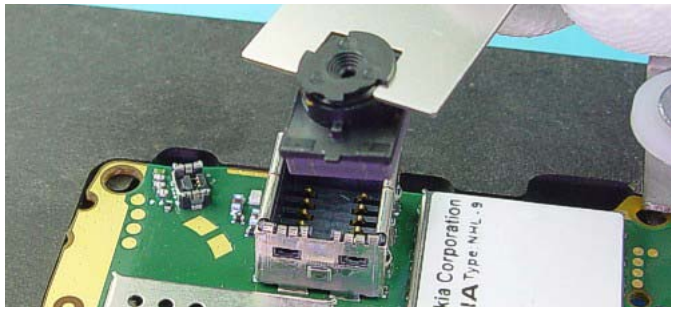
(39)



The camera module is attached with four snaps into its guidance. To unlock the snaps on both sides, place SRT-10 as shown in the picture. Note the releasing order.

(40)



Do not touch contacts or the camera lens. Always use SRT-10 for assembly and disassembly.

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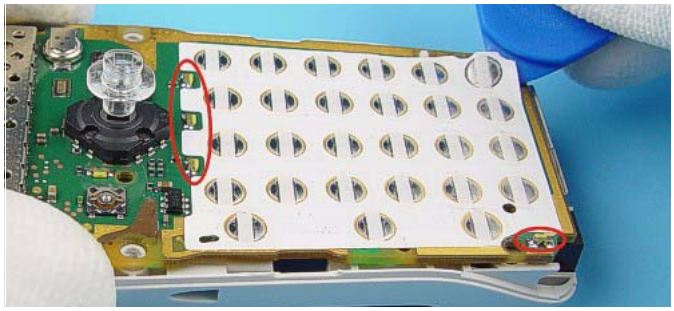
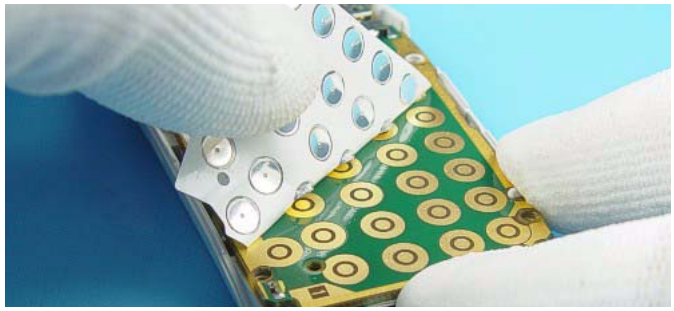
Changing the Dome Sheet

(1)



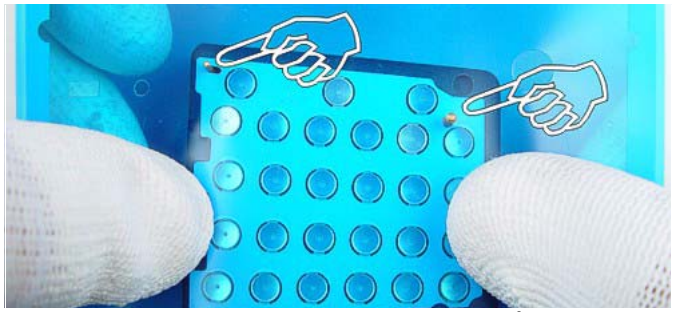
To loosen the corner of the keydome, use SRT-6. Be careful not to damage the LEDs. The B-cover or soldering jig can be used to fix the power board.

(2)



To avoid remains of glue, tear off the keydome in diagonal direction. Check pads for cleanness.

(3)

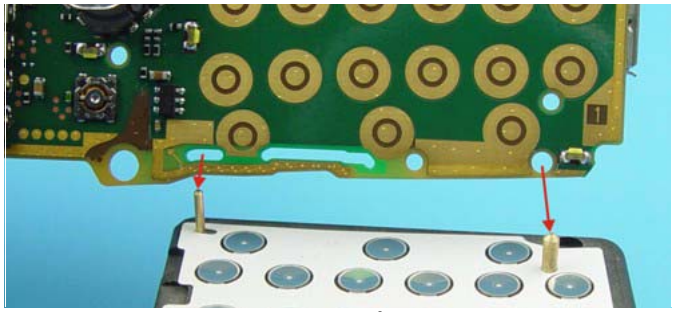


Place a new keydome on to the assembly jig. Note the guiding pins.

(4)

Remove the protection foil. Do not touch the adhesive side of the keydome.

(5)



Place the power board on the jig. Note the guiding pins.

(6)

This is the correct position of the assembly jig.

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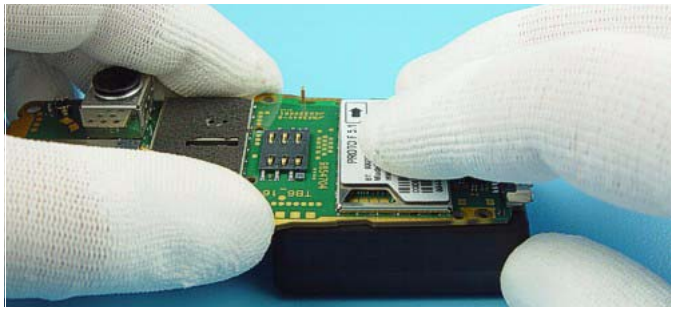
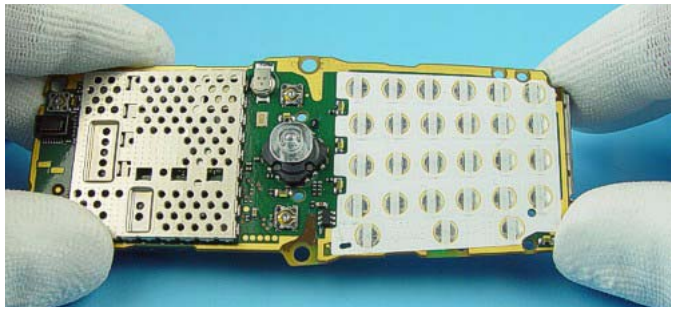
(7)



Carefully press the power board onto the keydome.

(8)



Check that the keydome is properly mounted to the power board.

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